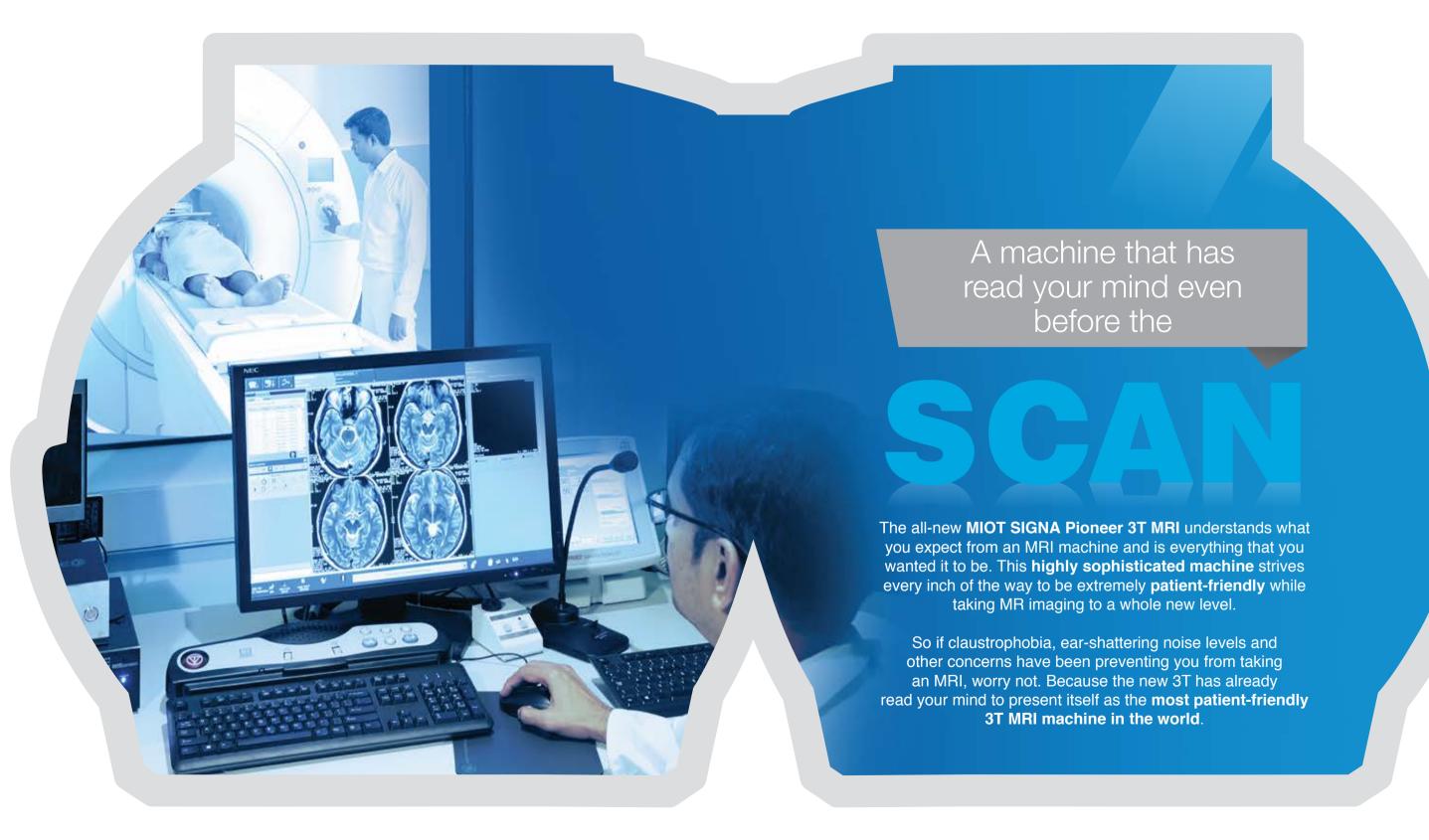
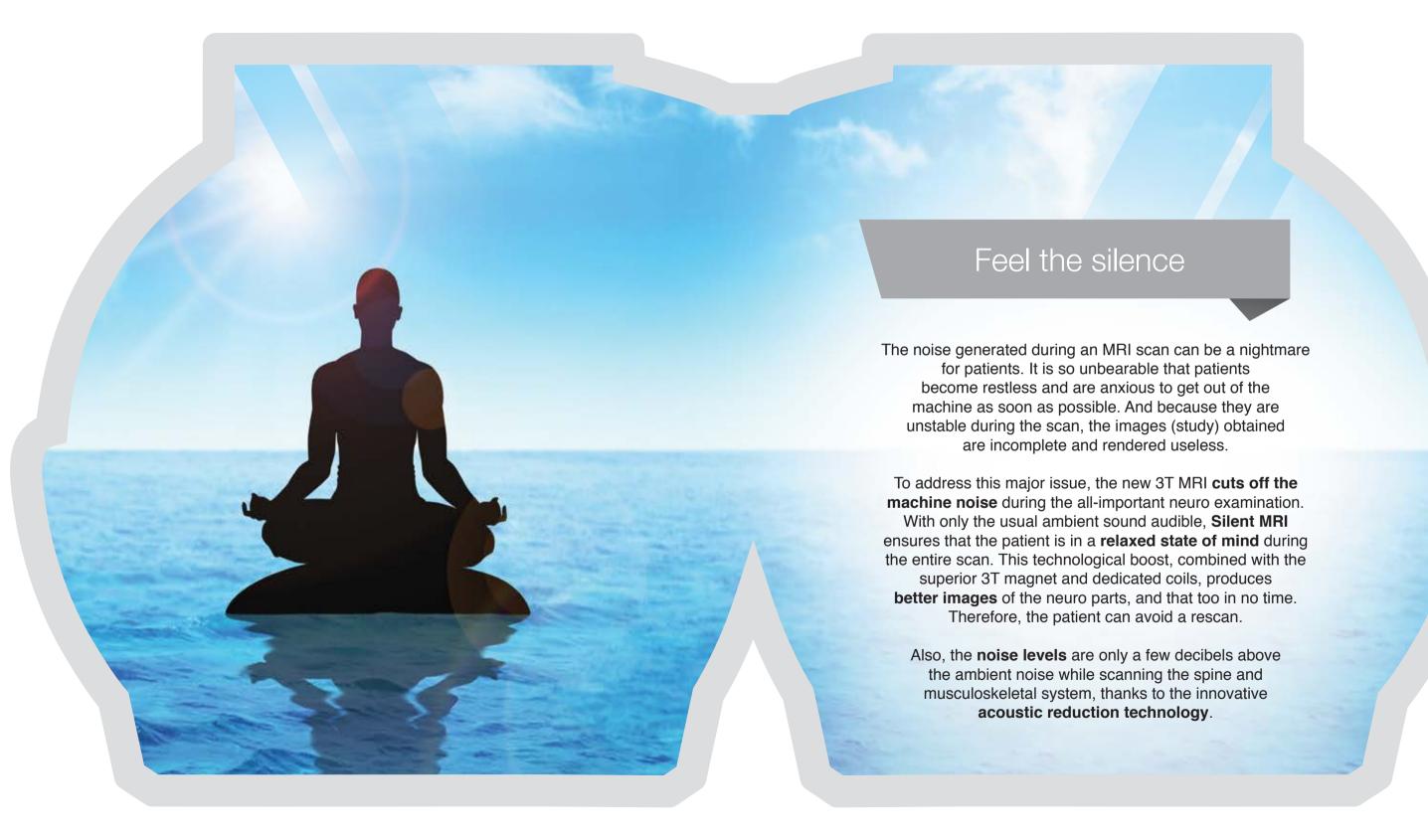


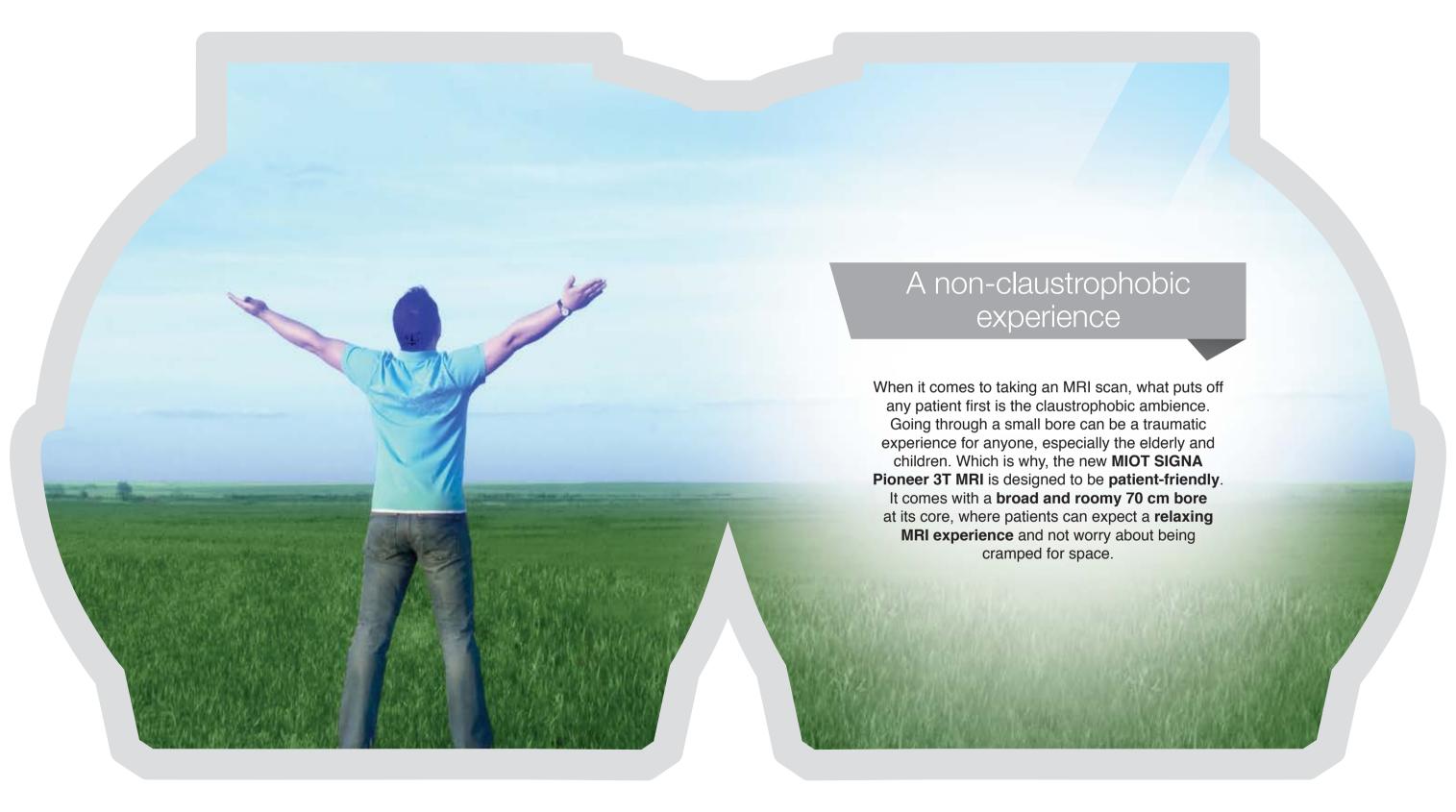


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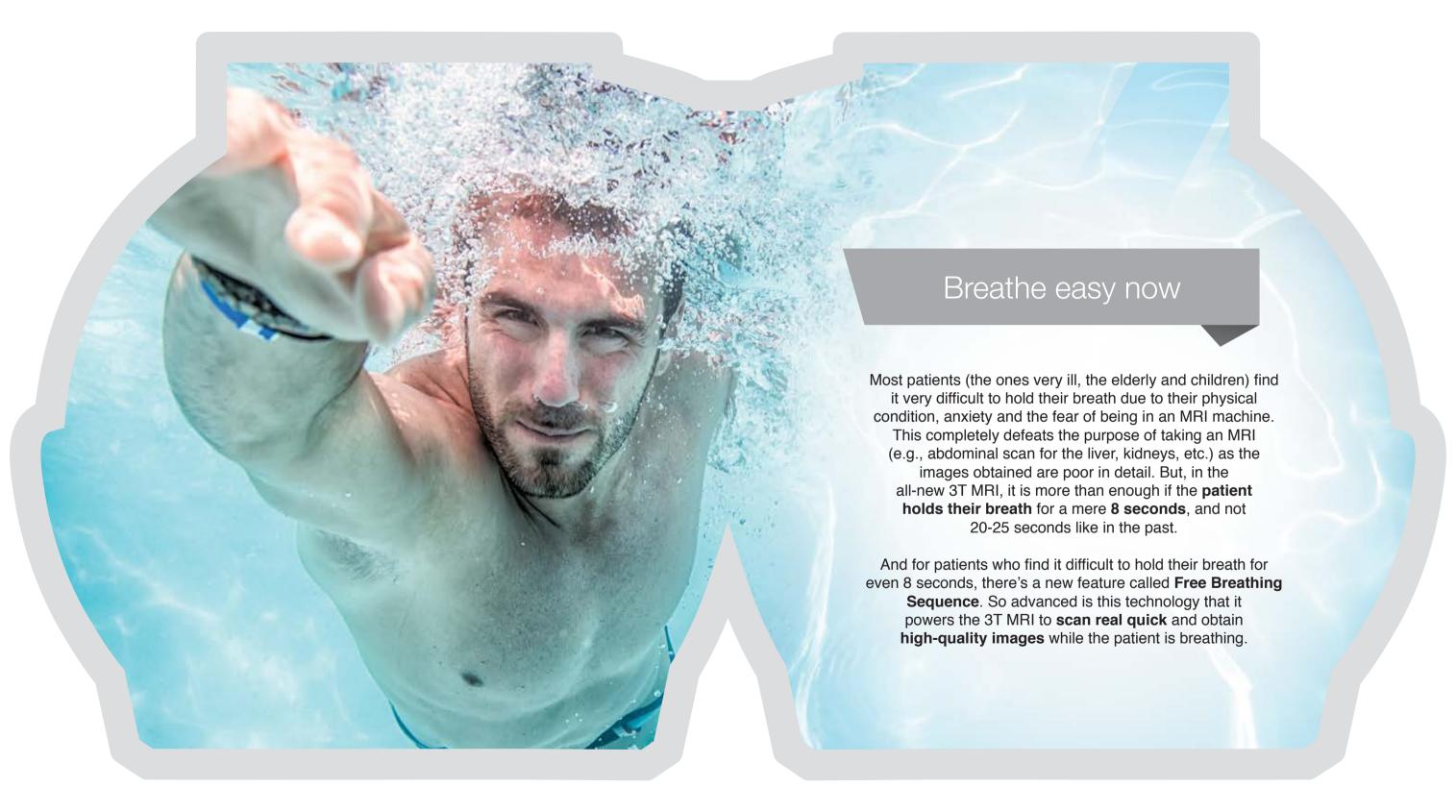












NOW KNOW YOURSELF LIKE YOU NEVER DID BEFORE



MAGiC for neuro

A machine that will work its magic on you

Typically, when an MRI of the brain is taken, multiple sequences are acquired. Each sequence takes 6 minutes (a total of 40 minutes with all sequences combined), making it a nightmare for patients. But this 3T MRI comes with a patient-friendly feature called MAGiC (MAGnetic resonance image Compilation). MAGiC is truly magical as it helps scan the brain 3 times faster than the 1.5 MRI. Imagine, within just 5 ½ minutes, it gets six sequences of the brain at one go. While you can be out of the machine in no time, the 3T doesn't compromise on the diagnosis.

Musculoskeletal

Dedicated coils leave no part unchecked

Coils are an integral part of generating a better MRI scan quality. They are placed around the body part that is to be imaged to achieve a high level of accuracy. Apart from the regular coils one gets with an MRI machine, the 3T MRI at MIOT brings with it exclusive coils for the wrist, finger, ankle and elbow. These highly specialized and dedicated coils capture high-resolution images of tissues in these small body parts like never before. When it comes to the musculoskeletal system, the coils work with precision to get the best imaging possible, while at the same time ensuring that the patient is not in discomfort.





Abdomen (Liver fat quantification)

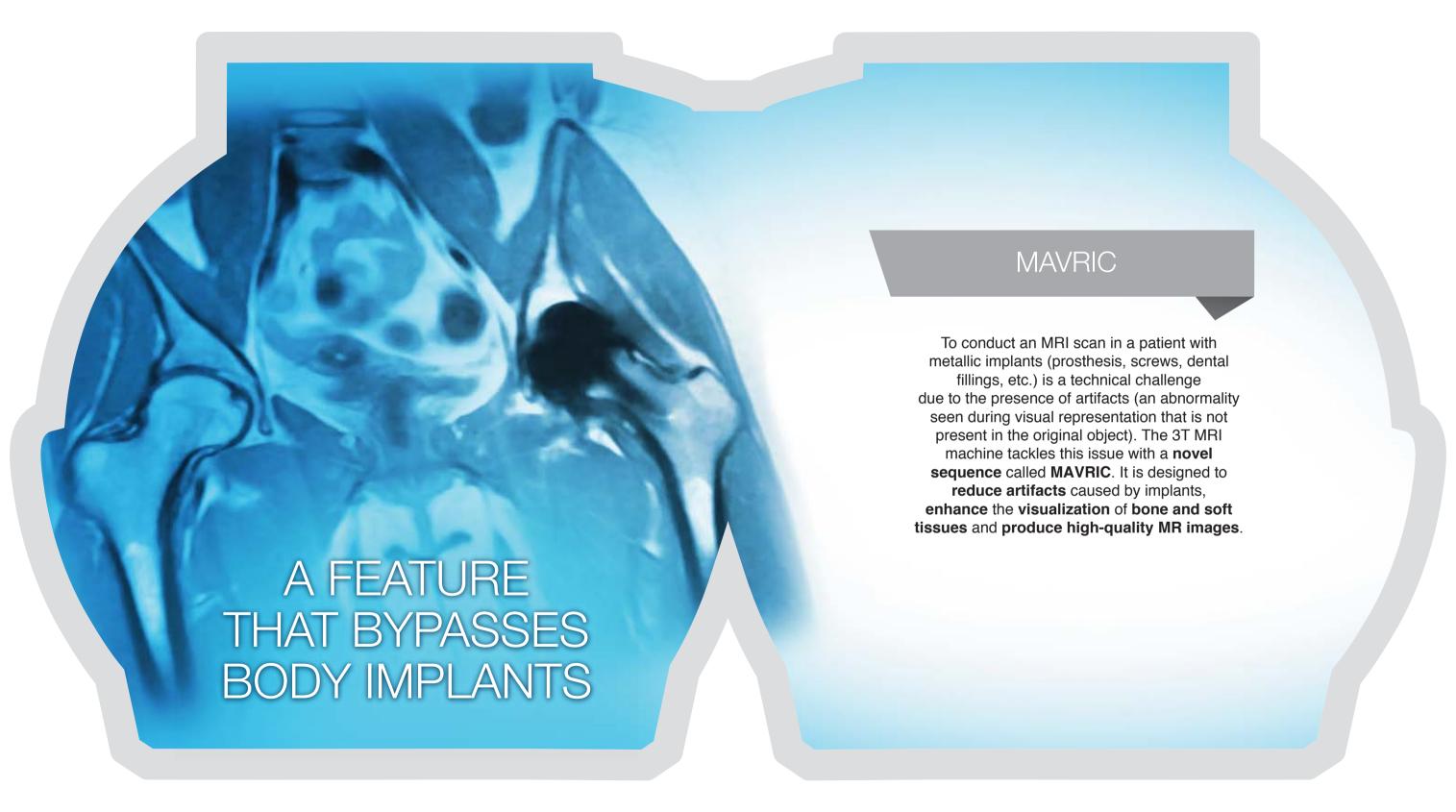
This new 3T MRI has a **novel sequence** that **assesses** the amount of **liver fat**. It is a **very important feature** that helps in **evaluating patients with fatty liver diseases** and **monitoring changes following treatment** for the same. While ultrasound used to be the default method for diagnosing fatty liver, the 3T MRI has emerged as the **most superior option**.

FOCUS

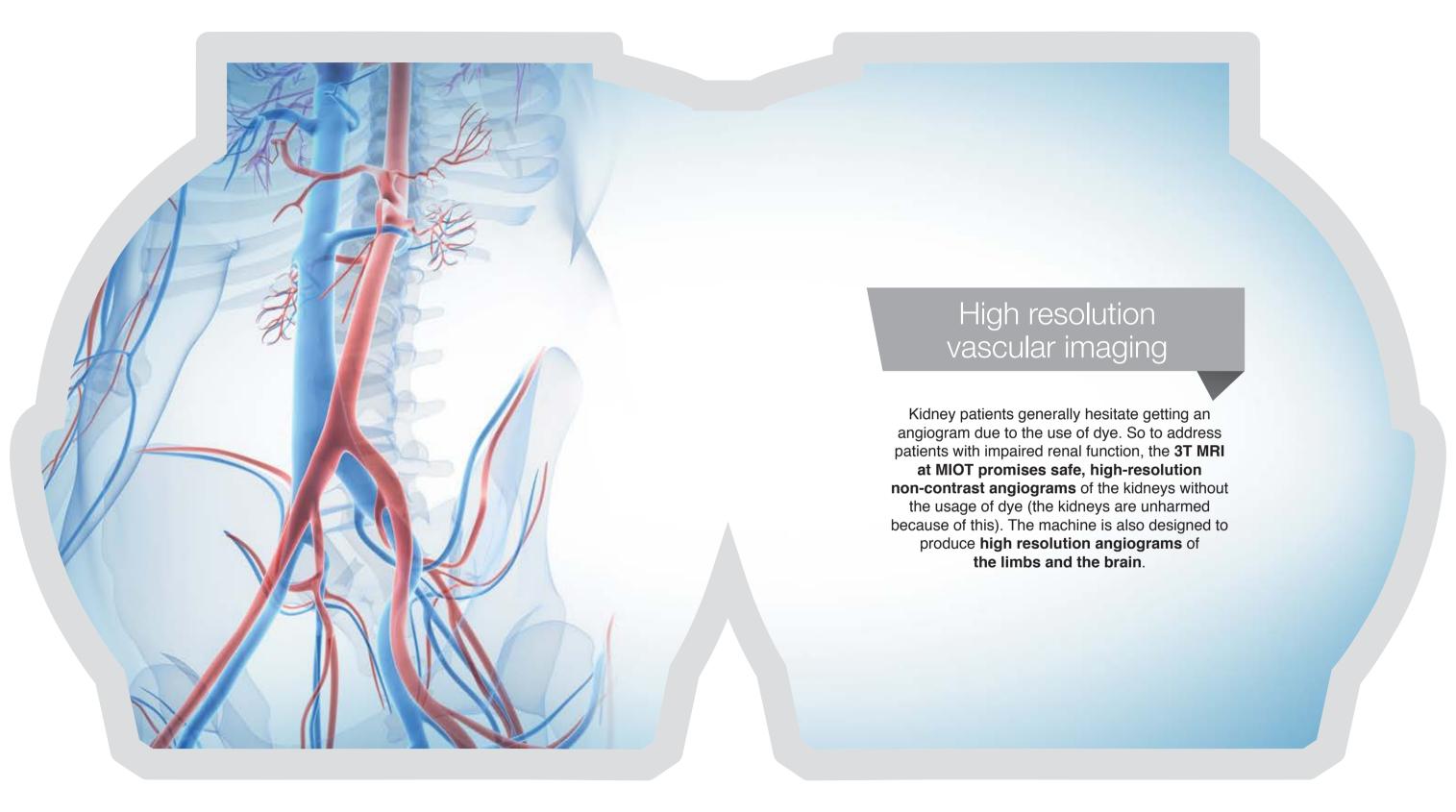
FOCUS is a unique application that is used to obtain **high resolution images** of the **liver**, **pancreas and prostate**. It is especially useful in **evaluating cancers** in these three organs with **unmatched accuracy**.

DISCO

The **DISCO** application in the 3T MRI reiterates the fact that time is of the essence when it comes to diagnosis. It assists in **capturing the entire liver volume** in a **mere 6 seconds**, generating **multiple 4D images** in a single breath-hold. Besides, the DISCO application is so **uncompromising** on **precision** that it gets each scan right at the very first attempt.







BODY PART-SPECIFIC COILS



MIOT SIGNA Pioneer 3T MRI is highly equipped to scan

ABDOMEN AND PELVIS

(including special protocols for liver and prostate)

ANGIOGRAPHY OF BRAIN

(including special protocols for stroke and tumours)

AND NECK VESSELS

AORTA (including peripheral angiogram)

BREASTS

CARDIAC (including functional analysis)

JOINTS

MRCP (Cholangiopancreatography)

NECK / ORBITS

NEUROGRAPHY

NON-CONTRAST RENAL ANGIOGRAM

SPINE



Being a **pioneer in innovations**, **MIOT International** has always been at the forefront in bringing the latest technologies from around the world to you. And, as the **Imaging Sciences** world is witnessing sweeping changes with the foray of sophisticated equipment, we at MIOT have added the **MIOT SIGNA Pioneer 3T MRI** to our imaging arsenal.

Imaging Sciences, we believe, is vital to any healthcare provider. It helps with not just diagnosis, but with the overall understanding of the human body. Which is why, we have invested in one of the latest and most advanced MRI machines. And, with expert radiologists at the helm, you can expect the best and most reliable imaging results at MIOT.

